Code	Practice	Component	Units	Unit Cost
314	Brush Management	Mechanical, Small Shrubs, Medium Infestation	ac	$7.42
314	Brush Management	Mechanical and Chemical, Medium Infestation	ac	$13.23
314	Brush Management	Chemical, Uplands	ac	$3.03
315	Herbaceous Weed Control	Mechanical	ac	$1.65
315	Herbaceous Weed Control	Chemical, Ground	ac	$2.74
319	On-Farm Secondary Containment Facility	Steel Containment Tub	gal	$0.25
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	$4.72
319	On-Farm Secondary Containment Facility	Double Wall Tank	gal	$0.11
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$98.10
319	On-Farm Secondary Containment Facility	Plastic Containment Tub	sq ft	$4.16
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	sq ft	$4.22
327	Conservation Cover	Introduced with Forgone Income	ac	$42.59
327	Conservation Cover	Pollinator Species	ac	$104.84
327	Conservation Cover	Native Species	ac	$18.76
327	Conservation Cover	Introduced Species	ac	$15.95
327	Conservation Cover	Pollinator Species with Forgone Income	ac	$134.29
327	Conservation Cover	Native Species with Forgone Income	ac	$48.22
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.39
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.02
338	Prescribed Burning	Herbaceous Fuel, Small Acreage	ac	$2.35
338	Prescribed Burning	Herbaceous Fuel - Standard	ac	$0.90
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	ac	$9.87
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	$8.44
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	$65.10
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	$22.70
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	$108.29
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.15
348	Dam, Diversion	Earthfill	CuYd	$0.33

Code	Practice	Component	Units	Unit Cost
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	HP	$18.89
374	Farmstead Energy Improvement	Scroll Compressor	HP	$88.52
374	Farmstead Energy Improvement	Ventilation - Exhaust	Ea	$148.17
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$155.59
374	Farmstead Energy Improvement	Ventilation - HAF	Ea	$22.56
374	Farmstead Energy Improvement	Plate Cooler	Ea	$721.82
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$1.31
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	Ea	$16.61
374	Farmstead Energy Improvement	Variable Speed Drive > 15 HP	HP	$25.29
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	HP	$16.83
374	Farmstead Energy Improvement	Heating - Radiant Systems	Ea	$162.43
378	Pond	Rehab Embankment Pond, With Principal Spillway	DiaInFt	$1.21
378	Pond	Excavated Pond	CuYd	$0.27
378	Pond	Embankment Pond with greater than or equal to 24 inch Pipe	CuYd	$0.53
380	Windbreak/Shelterbelt Establishment	Hand Planted, Bare Root	Ea	$0.20
380	Windbreak/Shelterbelt Establishment	Trees, machine planted	ft	$0.03
380	Windbreak/Shelterbelt Establishment	Trees, machine planted, weed barrier	ft	$0.09
382	Fence	Electric, high tensile with energizer	ft	$0.11
382	Fence	Barbed Wire, Multi-strand	ft	$0.19
382	Fence	Confinement	ft	$0.56
383	Fuelbreak	Fuel Break	ac	$175.04
384	Woody Residue Treatment	Chipping and hauling off-site	ac	$29.85
386	Field Border	Field Border, Native Species	ac	$12.35
386	Field Border	Field Border, Introduced Species, Forgone Income	ac	$38.01
386	Field Border	Field Border, Native Species, Forgone Income	ac	$41.80
386	Field Border	Field Border, Introduced Species	ac	$8.56
390	Riparian Herbaceous Cover	Native Species, Pollinator Planting, Forgone Income	ac	$52.56
390	Riparian Herbaceous Cover	Native Species with foregone income	ac	$15.24
391	Riparian Forest Buffer	Bare-root, machine planted	ac	$141.68
391	Riparian Forest Buffer	Bare-root, machine planted (FI)	ac	$145.35
393	Filter Strip	Filter Strip, Native species, Forgone Income	ac	$48.35

Code	Practice	Component	Units	Unit Cost
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	ac	$46.82
393	Filter Strip	Filter Strip, Native species	ac	$16.62
393	Filter Strip	Filter Strip, Introduced species	ac	$17.36
394	Firebreak	Vegetated, permanent, grass	ft	$0.01
394	Firebreak	Constructed, Tillage	ft	$0.01
394	Firebreak	Mowing	ft	$0.00
395	Stream Habitat Improvement and Management	Riparian Zone Improvement-Forested	ac	$946.54
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	$3,446.40
410	Grade Stabilization Structure	Embankment, Pipe <24 inch	CuYd	$0.59
410	Grade Stabilization Structure	Pipe Drop, CMP	sq ft	$2.14
410	Grade Stabilization Structure	Rock Chute	CuYd	$4.73
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	$5.24
410	Grade Stabilization Structure	Modular Concrete Block Drop	CuYd	$20.51
410	Grade Stabilization Structure	Sheet Pile Weir Drop	sq ft	$5.30
410	Grade Stabilization Structure	Tied Concrete Block Mat	sq ft	$0.62
410	Grade Stabilization Structure	Drop Structure, Metal	sq ft	$3.93
410	Grade Stabilization Structure	Rehab Embankment Pond, With Principal Spillway	DiaInFt	$1.21
410	Grade Stabilization Structure	Rehab Embankment Pond, No Principal Spillway	CuYd	$0.89
412	Grassed Waterway	Waterway with Side Dikes or Checks	ac	$707.96
412	Grassed Waterway	Waterway, high excavation volume per acre	CuYd	$0.39
422	Hedgerow	Bareroot, machine plant (FI)	ft	$0.09
430	Irrigation Pipeline	PVC, by pound, boring	Lb	$0.60
430	Irrigation Pipeline	HDPE, by the pound	Lb	$0.25
430	Irrigation Pipeline	PVC, by the pound	Lb	$0.36
441	Irrigation System, Microirrigation	Surface PE, with emitters, high tunnel	sq ft	$0.07
441	Irrigation System, Microirrigation	Surface PE, with emitters, trees and shrubs	Ea	$0.36
441	Irrigation System, Microirrigation	Surface Tape <5 acres	ac	$303.41
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	ac	$190.86
442	Sprinkler System	VRI System Retrofit Zone	ft	$2.01
442	Sprinkler System	System Renovation, Renozzle with Drops	Ea	$4.37
442	Sprinkler System	Linear Move System	ft	$10.17

Code	Practice	Component	Units	Unit Cost
442	Sprinkler System	Gravity to Pivot Conversion	ft	$7.77
442	Sprinkler System	Gravity to Pivot Conversion with VRI	ft	$9.37
443	Irrigation System, Surface and Subsurface	Aluminum Gated Pipe	ac	$19.93
443	Irrigation System, Surface and Subsurface	Surge Valve & Controller	Ea	$228.44
443	Irrigation System, Surface and Subsurface	Polyvinyl Chloride (PVC) Gated Pipe	ac	$10.00
449	Irrigation Water Management	IWM, Intermediate Technique, Subsequent Years	ac	$0.64
449	Irrigation Water Management	IWM, Intermediate Technique, 1st year	Ea	$169.34
449	Irrigation Water Management	IWM, Advanced Technique	Ea	$299.13
449	Irrigation Water Management	Small Scale Irrigation	Ea	$83.12
449	Irrigation Water Management	IWM, Basic Technique	ac	$0.60
462	Precision Land Forming	Site Stabilization	CuYd	$0.35
464	Irrigation Land Leveling	Land Leveling	CuYd	$0.29
466	Land Smoothing	Field Shaping	ft	$0.05
466	Land Smoothing	Minor Shaping	ac	$39.53
472	Access Control	Animal exclusion from sensitive areas (FI)	ac	$2.03
484	Mulching	Erosion Control Blanket	sq ft	$0.02
484	Mulching	Natural Materials - Large Area	ac	$38.72
490	Tree/Shrub Site Preparation	Windbreak, chemical and mechanical	ac	$30.22
511	Forage Harvest Management	Per-Ann Crops - Delayed Mowing	ac	$0.37
511	Forage Harvest Management	Improved Forage Quality	ac	$0.37
512	Forage and Biomass Planting	Introduced Perennial & Native Grass Mix	ac	$7.72
512	Forage and Biomass Planting	Introduced Perennial Grasses-Legume, foregone income	ac	$8.16
512	Forage and Biomass Planting	Introduced Perennial Grasses-Legume	ac	$5.33
512	Forage and Biomass Planting	Native Perennial Grasses, multi species	ac	$24.59
512	Forage and Biomass Planting	Introduced Perennial & Native Grass Mix, foregone income	ac	$10.54
512	Forage and Biomass Planting	Native Perennial Grasses, multi species, forgone income	ac	$27.41
528	Prescribed Grazing	Range, 7 or More Pastures	ac	$1.07
528	Prescribed Grazing	Habitat Mgt., Grouse	ac	$1.44
528	Prescribed Grazing	Range, 3-6 Pastures	ac	$0.79
533	Pumping Plant	Irrigation, Variable Frequency Drive	Ea	$1,283.98
533	Pumping Plant	Livestock, Variable Frequency Drive	Ea	$981.81

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Livestock, w/ Pressure Tank, Low HP	Ea	$449.66
533	Pumping Plant	Livestock, Manure Transfer	Ea	$1,702.23
533	Pumping Plant	irrigation, Surface Water	Ea	$1,141.69
533	Pumping Plant	Irrigation, Submersible or Booster	Ea	$722.80
533	Pumping Plant	Irrigation, Modify Pump	Ea	$2,156.99
533	Pumping Plant	Windmill-Powered Pump	Ea	$729.83
533	Pumping Plant	Solar-Powered Pump	Ea	$1,075.50
550	Range Planting	Native, Wildlife, or Pollinator (FI)	ac	$32.97
550	Range Planting	Native, Standard Prep (FI)	ac	$27.41
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	$10.52
558	Roof Runoff Structure	Roof Gutter	ft	$0.48
561	Heavy Use Area Protection	Reinforced Concrete with sand or gravel foundation	CuYd	$29.94
561	Heavy Use Area Protection	Rock/Gravel	CuYd	$1.70
576	Livestock Shelter Structure	Permanent Wind Shelter	ft	$2.86
576	Livestock Shelter Structure	Portable Wind Shelter	ft	$1.31
578	Stream Crossing	Low water crossing, geocell	sq ft	$0.44
578	Stream Crossing	Low water crossing, concrete block	sq ft	$0.79
578	Stream Crossing	Low water crossing, rock armor	sq ft	$0.33
578	Stream Crossing	Culvert installation	DiaInFt	$0.30
578	Stream Crossing	Bridge	sq ft	$4.31
580	Streambank and Shoreline Protection	Rock Riprap	CuYd	$5.20
580	Streambank and Shoreline Protection	Gabion	ft	$48.50
580	Streambank and Shoreline Protection	Bioengineered	ft	$2.85
580	Streambank and Shoreline Protection	Shaping	ft	$0.84
587	Structure for Water Control	Buried Automatic Valve	Ea	$94.38
587	Structure for Water Control	Inline Flashboard Riser, Metal	DiaInFt	$0.33
587	Structure for Water Control	Culvert <30 inches CMP	DiaInFt	$0.40
587	Structure for Water Control	Slide Gate - Flood Dike	ft	$5.44
587	Structure for Water Control	Flow Meter with Electronic Index	In	$38.18
587	Structure for Water Control	Rock Check	Ea	$101.00
587	Structure for Water Control	Earth Check	Ea	$71.86

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Commercial Inline Flashboard Riser	DiaInFt	$0.33
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.83
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	$5.01
595	Integrated Pest Management	Basic IPM for Field Crops	ac	$2.17
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	ft	$0.42
606	Subsurface Drain	Secondary Main Retrofit for DWM	ft	$0.77
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, <= 6 inch	ft	$0.34
610	Salinity and Sodic Soil Management	Soil Management (non-Irrigated)	ac	$1.92
610	Salinity and Sodic Soil Management	Soil Management (Irrigated)	ac	$2.85
612	Tree/Shrub Establishment	Trees, Machine planted - no tubes	Ea	$0.31
612	Tree/Shrub Establishment	Trees, Machine Planted, Weed Barrier	Ea	$0.99
614	Watering Facility	Enclosed Storage Tank	gal	$0.17
614	Watering Facility	Wildlife Guzzler	Ea	$88.74
614	Watering Facility	Portable Tank	gal	$0.09
614	Watering Facility	Fiberglass Tank on Earth	gal	$0.27
614	Watering Facility	Insulated Tank with Cover	gal	$0.41
643	Restoration and Management of Rare and Declining Habitats	Monitoring & Management, with Foregone Income	ac	$2.17
643	Restoration and Management of Rare and Declining Habitats	Wildlife Enhancement, Livestock exclusion (FI)	ac	$1.90
643	Restoration and Management of Rare and Declining Habitats	Monitoring & Management, Low Intensity and Complexity - No Foregone Income	ac	$0.29
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.34
645	Upland Wildlife Habitat Management	Monitoring, Management, Foregone Income	ac	$2.15
645	Upland Wildlife Habitat Management	Wildlife Habitat Enhancement (FI)	ac	$1.90
647	Early Successional Habitat Development/Management	Disking	ac	$2.50
647	Early Successional Habitat Development/Management	Mowing	ac	$1.46
649	Structures for Wildlife	Escape Ramp	Ea	$4.02
649	Structures for Wildlife	Fence Markers, Vinyl Undersill	ft	$0.01
650	Windbreak/Shelterbelt Renovation	Removal > 8 inches DBH with Dozer	ft	$0.29
660	Tree/Shrub Pruning	Pruning-Fire Hazard	ac	$12.42
666	Forest Stand Improvement	Pre-commercial Thinning , Hand tools	ac	$29.33
666	Forest Stand Improvement	Timber Stand Improvement, Single Stem Treatment	ac	$34.16
666	Forest Stand Improvement	Creating Patch Clearcuts	ac	$25.59

Code	Practice	Component	Units	Unit Cost
666	Forest Stand Improvement	Thinning for Wildlife and Forest Health	ac	$100.82
B000CPL1	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	$3.57
B000CPL2	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	$3.57
B000CPL7	Crop Bundle#7 - Soil Health -'Organic'	Crop Bundle#7 - Soil Health -"Organic"	ac	$4.03
B000CPL8	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - "Organic", Water erosion	ac	$3.17
B000CPL9	Crop Bundle#9 - 'Organic', Wind erosion	Crop Bundle#9 - "Organic", Wind erosion	ac	$3.17
B000MRB1	MRBI Bundle#1 - Irrigated Cropland	MRBI Bundle#1 - Irrigated Cropland	ac	$6.05
B000MRB2	MRBI Bundle#2 - Non-Irrigated Crop#1	MRBI Bundle#2 - Non-Irrigated Crop#1	ac	$0.92
B000MRB3	MRBI Bundle#3 - Non-Irrigated Crop#2	MRBI Bundle#3 - Non-Irrigated Crop#2	ac	$1.27
B000MRB4	MRBI Bundle#4 - Crop w/ Water Bodies, NT	MRBI Bundle#4 - Crop w/ Water Bodies, NT	ac	$2.87
B000MRB5	MRBI Bundle#5 - Crop w/ Water Bodies, RT	MRBI Bundle#5 - Crop w/ Water Bodies, RT	ac	$2.61
B000MRB6	MRBI Bundle#6 - Pastureland	MRBI Bundle#6 - Pastureland	ac	$4.56
B000MRB7	MRBI Bundle#7 - Rangeland	MRBI Bundle#7 - Rangeland	ac	$0.54
B000PST3	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	$3.00
B000RNG1	Range Bundle#1 - Organic	Range Bundle#1 - Organic	ac	$0.10
B000WLW	Working Lands for Wildlife Bundle	Working Lands for Wildlife Bundle	ac	$0.33
E314133Z	Brush management for improved structure and composition	Brush mgmt, improved structure and comp	ac	$1.71
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$1.71
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$1.31
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$1.31
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$1.31
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$0.48
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$1.34
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$0.29
E328102I	Improved resource conserving crop rotation to reduce wind erosion	IRCCR wind erosion	ac	$0.48
E328102R	Resource conserving crop rotation to reduce wind erosion	RCCR wind erosion	ac	$1.34
E328102Z	Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion	CRP trans crop rotation-wind erosion	ac	$0.29

Code	Practice	Component	Units	Unit Cost
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$0.48
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$1.34
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$0.48
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$0.92
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$0.48
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$0.48
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$1.34
E328109Z	Conservation crop rotation to reduce the concentration of salts	Rotate to reduce salt concentration	ac	$0.38
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$0.48
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$1.34
E328136Z	Leave standing grain crops unharvested to benefit wildlife food sources	Leave standing grain crops for food	ac	$0.43
E328137Z	Leave standing grain crops unharvested to benefit wildlife cover and shelter	Leave standing grain crops for shelter	ac	$0.43
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$0.29
E329102Z	No till system to reduce wind erosion	No till system to reduce wind erosion	ac	$0.29
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$0.38
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$0.29
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$0.29
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$0.29
E329144Z	No till to reduce energy	No till to reduce energy	ac	$0.38
E338134Z	Strategic patch burning for grazing distribution/wildlife habitat (undesirable plant pressure)	Patch burning-plant pest pressure	ac	$0.81
E338135Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)	Patch burning-fuel loading	ac	$0.81
E338136Z	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	Short-interval burns to promote a healthy herbaceous plant community for wildlife food	ac	$93.44
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$0.79
E340102Z	Cover crop to reduce wind erosion	Cover crop to reduce wind erosion	ac	$0.79
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$1.24
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	$1.22

Code	Practice	Component	Units	Unit Cost
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$1.11
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$1.46
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$1.08
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$1.08
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$1.08
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$1.11
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$0.38
E345102Z	Reduced tillage to reduce wind erosion	Reduced tillage to reduce wind erosion	ac	$0.29
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$0.38
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$0.29
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$0.29
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	$24.77
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.02
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$62.58
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$62.58
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$62.58
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$62.58
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$48.70
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$48.70
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$71.57
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$171.59
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$173.99
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$173.99
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$81.79

Code	Practice	Component	Units	Unit Cost
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$81.79
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$81.79
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$0.53
E449114Z6	Automated Intermittent flood irrigation of rice fields, Year 2-5	Automated Intermittent flood irrigation of rice fields, Year 2-5	ac	$30.99
E449114Z7	Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making	Advanced Automated IWM - Year 2-5, soil moisture monitoring	ac	$1.94
E449114Z8	Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in dec	Advanced Automated IWM - Year 1 Equipment and soil moisture monitoring	ac	$5.71
E449144Z	Complete pumping plant evaluation for all pumps on a farm.	Pumping plant evaluation	ac	$0.57
E472118Z	Manage livestock access to streams/ditches/other waterbodies to reduce nutrients in surface water	Livestock access to waterbody-nutrients	ft	$0.23
E472122Z	Manage livestock access to streams/ditches/other waterbodies to reduce pathogens in surface water	Livestock access to waterbody-pathogens	ft	$0.23
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$0.19
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$0.37
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$0.52
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$0.37
E512101Z1	Cropland conversion to grass-based agriculture to reduce water erosion	Convert crop to grass for water erosion	ac	$0.51
E512102Z	Cropland conversion to grass-based agriculture to reduce wind erosion	Convert crop to grass for wind erosion	ac	$1.11
E512106Z1	Cropland conversion to grass-based agriculture for soil organic matter improvement	Convert crop to grass for SOM	ac	$1.39
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$1.52
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$2.16
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$5.52
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$7.44
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$7.44
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$2.54
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$5.42

Code	Practice	Component	Units	Unit Cost
E528101Z	Improved grazing management for water erosion through monitoring activities	Grazing mgmt for water erosion	ac	$0.19
E528102Z	Improved grazing management for wind erosion through monitoring activities	Grazing mgmt for wind erosion	ac	$0.19
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$0.16
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$0.96
E528107Z1	Improved grazing management for soil compaction through monitoring activities	Grazing mgmt to improve compaction	ac	$0.76
E528107Z2	Improved grazing management for soil compaction on rangeland through monito	Grazing mgmt-compaction on rangeland	ac	$0.19
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$1.53
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	$0.18
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	$0.18
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$1.53
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$1.35
E528127Z	Prescribed grazing that improves or maintains riparian/watershed function-elevated water temperature	Prescribed grazing-water temp	ac	$0.16
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$0.96
E528132Z3	Improved grazing management for plant productivity/health through monitoring	Gazing mgmt-plant health	ac	$0.19
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$0.33
E528133Z3	Improved grazing management for plant structure and composition through monitoring activities	Grazing mgmt-structure	ac	$0.19
E528134Z	Improved grazing management that reduces undesirable plant pest pressure through monitoring	Grazing mgmt-pest pressure	ac	$0.19
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.05
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.05
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$0.37

Code	Practice	Component	Units	Unit Cost
E554118Z1	Installation of end of pipe or ditch treatment for phosphorus	Installation of treatment for P	Ea	$694.85
E554118Z2	Installation of a saturated buffer drain outlet	Installation of a vegetated outlet	ac	$364.01
E554118Z3	Installation of end of pipe or ditch treatment for nitrogen	Installation of treatment for N	Ea	$1,922.37
E554138X	Extend the periods of soil saturation or shallow ponding for wildlife	Extend saturation/ponding period	ac	$0.89
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$769.33
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$1.62
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$1.07
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$1.62
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$1.07
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$1.07
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$1.28
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$0.62
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$0.48
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$0.62
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$75.17
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$90.54
E612133X2	Cultural plantings	Cultural plantings	ac	$137.44
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$125.43
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$125.43
E644136Z	Managing Flood-Irrigated Landscapes for Wildlife	Manage flood irrigated landscape for wildlife food	ac	$2.41
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	$1.16
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	$1.16
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$3.99

Code	Practice	Component	Units	Unit Cost
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$3.99
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$24.24
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$24.24
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$24.24
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$1.25
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$50.12
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$24.24
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$24.24
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$28.05
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$28.05
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$27.82
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$31.54
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$31.54
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$24.24